

Listing of Claims:

1-127. (Canceled)

128. (Currently Amended) An isolated nucleic acid ~~having within its structure at least 15 consecutive nucleotides and encoding an antigenic fragment of prostate-specific membrane antigen, wherein the fragment has a sequence which is the same as a sequence of all of an outside region of prostate-specific membrane antigen, the amino acid sequence of which outside region is set forth within SEQ ID NO:2 beginning with an amino acid corresponding to the amino acid number 45 at the its amino terminus and ending with an amino acid corresponding to the amino acid number 750 at the its carboxy terminus.~~

129. (Currently Amended) The isolated nucleic acid of claim 128, ~~wherein the nucleic acid has a sequence of which is present within the sequence set forth in SEQ ID NO:1 beginning with a nucleotide corresponding to nucleotide number 394 at its 5' end and ending with a nucleotide corresponding to nucleotide number 2511 at its 3' end.~~